

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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**REVOCATION AND SUBSTITUTION
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36**

Dear Sir:

Pursuant to 37 C.F.R. §1.36, Sun Microsystems, Inc., the applicant and assignee of the patent applications listed on the attached APPENDIX A, revokes all previous powers of attorney in the patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Customer Number 32615

Please direct all correspondence and telephone calls concerning the patent applications listed on the attached APPENDIX A to:

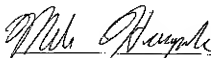
Customer Number 32615

Further, please change the attorney/docket number corresponding to the patent applications listed in APPENDIX A from the attorney/docket number on file to that indicated on APPENDIX A.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified applicant.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the patent applications listed on the attached APPENDIX A or any patents issuing thereon.

Signature:



Dated:

4/22/09

Name:

Melissa Haapala

Title:

Senior Patent Counsel

Sun Microsystems, Inc.

APPENDIX A

1. **Patent Application/Serial No.:** 09/835,059
Title: DATA REORDERING
Filed: 4/13/2001
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 011716/0039
017718/0955
Reference No: 33227/452001; P9222-US-NP
2. **Patent Application/Serial No.:** 10/209,549
Title: MECHANISM FOR ENABLING VIRTUAL
METHOD DISPATCH STRUCTURES TO
BE CREATED ON AN AS-NEEDED BASIS
Filed: 7/30/2002
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 013164/0322
Reference No: 33227/446001; P7753-US-NP-0
3. **Patent Application/Serial No.:** 10/652,693
Title: METHOD AND APPARATUS FOR
IDENTIFYING CAUSES IN A MULTI-
NODE SYSTEM
Filed: 8/28/2003
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 014456/0953
Reference No: 33227/459001; SUN030121-US-NP

4. **Patent Application/Serial No.:** 09/310,655
Title: TOPOLOGY CONTROLLED DISCOVERY
FOR NEXT HOP DETERMINATION
Filed: 5/12/1999
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 009969/0644
010250/0206
Reference No: 33227/430001; P3388-US-NP-0
5. **Patent Application/Serial No.:** 10/661,413
Title: ADDRESS VALUE NUMBERING BY
BINARY TRANSFORMATION
Filed: 9/12/2003
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 015842/0343
Reference No: 33227/457001; P9716-US-NP
6. **Patent Application/Serial No.:** 10/662,020
Title: A PLUGGABLE DEBUGGING INTERFACE
FOR GRAPHICAL NOTATION
DIAGRAMS
Filed: 9/11/2003
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 014501/0366
Reference No: 33227/458001; SUN030057-US-NP

7. **Patent Application/Serial No.:** 10/663,474
Title: DISTRIBUTED SESSION FAILOVER
Filed: 9/15/2003
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 014551/0983
Reference No: 33227/448001; P9143-US-NP
8. **Patent Application/Serial No.:** 10/731,889
Title: GRAPH THEORY-BASED APPROACH TO XML DATA BINDING
Filed: 12/8/2003
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 014922/0840
Reference No: 33227/470001; SUN040586-US-NP
9. **Patent Application/Serial No.:** 10/761,622
Title: MECHANISM FOR IMPLEMENTING FILE ACROSS CONTROL USIGN LABELED CONTAINERS
Filed: 1/20/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 014922/0840
Reference No: 33227/465001; SUN030243-US-NP
10. **Patent Application/Serial No.:** 10/762,067
Title: MECHANISM FOR ENABLING MULTIPLE PROCESSES TO SHARE PHYSICAL MEMORY
Filed: 1/20/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 014922//0346
Reference No: 33227/466001; SUN040013-US-NP

11. Patent Application/Serial No.: 10/767,118

Title: MECHANISM FOR PROFILING AND
ESTIMATING THE RUNTIME NEEDED
TO EXECUTE A JOB

Filed: 1/28/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 014945/0262

Reference No: 33227/463001; SUN030236-US-NP

12. Patent Application/Serial No.: 10/768,303

Title: EFFICIENT EVENT COMPLETION IN
UDAPL

Filed: 1/29/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 014948/0873

Reference No: 33227/469001; SUN040111-US-NP

13. Patent Application/Serial No.: 10/769,415

Title: SUPPORTING METHOD REFERENCES IN
THE JAVA LANGUAGE

Filed: 1/30/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 014955/0233

Reference No: 33227/462001; SUN030221-US-NP

14. Patent Application/Serial No.: 10/771,698

Title: MECHANISM FOR ORDERING LISTS OF
LOCAL VARIABLES ASSOCIATED WITH
A PLURALITY OF CODE BLOCKS

Filed: 2/3/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 014966/0363

Reference No: 33227/467001; SUN040017-US-NP

15. Patent Application/Serial No.: 10/794,288

Title: MECHANISM FOR REDUCING
DETECTABLE PAUSES IN DYNAMIC
OUTPUT CAUSED BY DYNAMIC
COMPILATION

Filed: 3/4/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 015067/0136

Reference No: 33227/471001; SUN040620-US-NP

16. Patent Application/Serial No.: 10/810,171

Title: MECHANISM FOR COLLABORATIVELY
EXCHANGING NAVIGATION
INFORMATION IN A DISTRIBUTED
DOCUMENT REVIEW

Filed: 3/25/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 015153/0115

Reference No: 33227/456001; P9381-US-NP

17. **Patent Application/Serial No.:** 10/815,221
Title: NESTED MONITOR HANDLING PROCESSES
Filed: 3/30/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 015172/0736
Reference No: 33227/460001; SUN030154-US-NP
18. **Patent Application/Serial No.:** 10/816,983
Title: RELOCATION OF ACTIVE DMA PAGES
Filed: 4/2/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 015183/0059
Reference No: 33227/447001; P8933-US-NP
19. **Patent Application/Serial No.:** 10/832,575
Title: SHARING DATA AMONG ISOLATED APPLICATIONS
Filed: 4/26/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 015270/0415
Reference No: 33227/468001; SUN040037-US-NP
20. **Patent Application/Serial No.:** 10/833,474
Title: MECHANISM FOR IMPLEMENTING FILE ACCESS CONTROL ACROSS A NETWORK USING LABELED CONTAINERS
Filed: 4/27/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 015278/0116
Reference No: 33227/464001; SUN030241-US-NP

21. Patent Application/Serial No.: 10/917,163

Title: APPROACH FOR DISTRIBUTING
MULTIPLE INTERRUPTS AMONG
MULTIPLE PROCESSORS

Filed: 8/11/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 017718/0955

Reference No: 33227/449001; P9208-US-CNT-1

22. Patent Application/Serial No.: 11/042,961

Title: BINARY PROFILE INSTRUMENTATION
FRAMEWORK

Filed: 1/24/2005

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 016519/0367

Reference No: 33227/453001; P9251-US-CIP-1

23. Patent Application/Serial No.: 11/042,834

Title: DISPLAYING RESULTS OF SERVER-SIDE
FORM VALIDATIONS WITHOUT PAGE
REFRESH

Filed: 1/24/2005

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 016498/0627

Reference No: 33227/454001; P9252-US-CIP-1

24. **Patent Application/Serial No.:** 11/042,812
Title: NAVIGATING SOURCE CODE USING ANNOTATED TOPOGRAPHIC IMAGE(S)
Filed: 1/24/2005
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 016519/0380
Reference No: 33227/455001; P9253-US-CIP-1
25. **Patent Application/Serial No.:** 10/923,291
Title: PREPARING A BINARY FILE FOR FUTURE INSTRUMENTATION
Filed: 8/20/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 015723/0941
Reference No: 33227/472001; SUN040634-US-NP
26. **Patent Application/Serial No.:** 10/898,274
Title: INTERACTIVE TOOL FOR DEFINING BUSINESS PROCESSES
Filed: 7/23/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 016514/0376
Reference No: 33227/474001; SUN040660-US-NP
27. **Patent Application/Serial No.:** 10/948,587
Title: CONNECTIVITY MAP EDITOR
Filed: 9/22/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 015830/0674
Reference No: 33227/475001; SUN040662-US-NP

28. **Patent Application/Serial No.:** 10/921,600
Title: CUSTOMIZING BUSINESS PROCESSES
Filed: 8/18/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 015710/0955
Reference No: 33227/483001; SUN041278-US-NP
29. **Patent Application/Serial No.:** 10/891,977
Title: DYNAMIC APPLICATION AND QUERY BUILDER
Filed: 7/14/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 015591/0155
Reference No: 33227/484001; SUN041371-US-NP
30. **Patent Application/Serial No.:** 10/990,741
Title: DYNAMIC TABLES GENERATOR
Filed: 11/16/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 016006/0548
Reference No: 33227/485001; SUN041425-US-NP
31. **Patent Application/Serial No.:** 11/095,431
Patent No.: 7,503,063
Title: END-TO-END INTEGRATION VISIBILITY FOR DOCUMENTS
Filed: 3/30/2005
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 016440/0649
Reference No: 33227/491001; SUN050467-US-NP

32. **Patent Application/Serial No.:** 11/095,806
Title: MESSAGE SELECTOR-HANDLER
SYSTEM FOR MESSAGE PROCESSING
Filed: 3/30/2005
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 016444/0346
Reference No: 33227/492001; SUN050468-US-NP
33. **Patent Application/Serial No.:** 11/095,807
Title: TOOL FOR CREATING CHARTS
Filed: 3/30/2005
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 016444/0342
Reference No: 33227/493001; SUN050523-US-NP
34. **Patent Application/Serial No.:** 11/042,833
Title: MESSAGE TRANSLATION AND PARSING
OF DATA STRUCTURES IN A
DISTRIBUTED COMPONENT
ARCHITECTURE
Filed: 1/24/2005
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 016587/0145
Reference No: 33227/499001; SUN050550-US-CIP-1
35. **Patent Application/Serial No.:** 11/042,963
Title: MONITORING ALERT CONDITIONS
Filed: 1/24/2005
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 016494/0670
Reference No: 33227/500001; SUN050551-US-CIP-1

36. **Patent Application/Serial No.:** 11/095,831
Title: QUEUE MANAGEMENT
Filed: 3/30/2005
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 016440/0083
Reference No: 33227/501001; SUN050555-US-NP
37. **Patent Application/Serial No.:** 11/092,147
Title: TIME-BASED SEQUENCING IN MESSAGE DELIVERY
Filed: 3/28/2005
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 016431/0487
Reference No: 33227/502001; SUN050556-US-NP
38. **Patent Application/Serial No.:** 11/128,956
Title: WEB BROWSER AS WEB SERVICE SERVER IN INTERACTION WITH BUSINESS PROCESS ENGINE
Filed: 5/12/2005
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 016566/0475
Reference No: 33227/603001; SUN050557-US-NP
39. **Patent Application/Serial No.:** 11/452,768
Title: SEARCHING COMPUTER PROGRAMS THAT USE DIFFERENT SEMANTICS
Filed: 6/13/2006
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 018002/0563
Reference No: 33227/600002; SUN050657-US-CIP-1

40. **Patent Application/Serial No.:** 11/451,751
Title: ENFORCING PROPER RESOLUTION FOR CLASSES OF SHARED OBJECTS IN A VIRTUAL MACHINE
Filed: 6/12/2006
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 017993/0660
Reference No: 33227/600001; SUN050657-US-NP
41. **Patent Application/Serial No.:** 11/479,664
Title: SUPPORT TRAY WITH FOLD-AWAY HANDLES
Filed: 6/30/2006
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 018145/0371
Reference No: 33227/601001; SUN050661-US-NP
42. **Patent Application/Serial No.:** 11/451,785
Title: APPROACH FOR DISTRIBUTING INTERRUPT FROM HIGH-INTERRUPT LOAD DEVICES
Filed: 6/12/2006
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 018302/0437
Reference No: 33227/505001; SUN050859-US-NP
43. **Patent Application/Serial No.:** 11/210,163
Title: MECHANISM FOR FACILITATING HOT SWAP CAPABILITY
Filed: 8/22/2005
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 016930/0240
Reference No: 33227/507001; SUN050929-US-NP

44. **Patent Application/Serial No.:** 11/376,691
Title: DATA CONVERSION FROM HTML TO XML IN A TREE STRUCTURE
Filed: 3/14/2006
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 017694/0535
Reference No: 33227/519001; SUN060099-US-CIP-1
45. **Patent Application/Serial No.:** 11/361,437
Title: AUTOMATING INTERVAL SELECTION BASED ON RANGE AND SIZE OF DISPLAY AREA
Filed: 2/23/2006
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 017616/0447
Reference No: 33227/520001; SUN060099-US-NP
46. **Patent Application/Serial No.:** 11/441,620
Title: SCALABLE VECTOR GRAPHICS, TREE AND TAB AS DRAG AND DROP OBJECTS
Filed: 5/26/2006
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 017934/0134
Reference No: 33227/545001; SUN060431-US-NP
47. **Patent Application/Serial No.:** 11/497,884
Title: MANAGING PROTOCOL INFORMATION USED IN EXCHANGING COMMUNICATIONS
Filed: 8/1/2006
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 018155/0908
Reference No: 33227/507002; SUN060491-US-CIP-1

48. Patent Application/Serial No.: 12/058,509

Title: MECHANISM FOR SELECTIVELY
ALLOWING CERTAIN COMPONENTS IN
A GROUP OF COMPONENTS TO BE
ASSOCIATED WITH A TARGET
COMPONENT

Filed: 3/28/2008

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 021931/0531

Reference No: 33227/575001; SUN061090-US-NP

49. Patent Application/Serial No.: 11/595,396

Title: METHOD AND APPARATUS FOR DATA
TRANSFER BETWEEN ISOLATED
EXECUTION CONTEXTS

Filed: 11/8/2006

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 018601/0141

Reference No: 33227/577001; SUN061096-US-NP

50. Patent Application/Serial No.: 11/499,027

Title: CLASS PRE-LOADING MECHANISM

Filed: 8/3/2006

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 018158/0800

Reference No: 33227/507003; SUN061108-US-CIP-1

51. Patent Application/Serial No.: 11/862,908

Title: ACCESS CONTROL MECHANISM FOR
SHAREABLE INTERFACE
COMMUNICATION ACCESS CONTROL

Filed: 9/27/2007

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 019893/0079

Reference No: 33227/594001; SUN070583-US-NP

52. Patent Application/Serial No.: 11/862,940

Title: METHOD AND APPARATUS FOR
PROTECTION DOMAIN BASED
SECURITY

Filed: 9/27/2007

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 019893/0053

Reference No: 33227/595001; SUN070584-US-NP